

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1-6 (Cancelled).

Claim 7 (Currently Amended): An endohedral metallofullerene of the formula: A₃._nX_nN@C_m(-R(-[O-CH₂CH₂-]_k-Q)_j)(-OH)_h; where A and X are metal atoms, n=0- 3; m is an even number between about 60 and about 200; 1 < h < m-2; i ≥ 1; j=1 or 2; and k > 1 wherein R is a malonyl group or an ethyl-malonyl group and Q is ~~e-methyl a methoxy group~~ or a functional group selected from among an antigen, an antibody fragment, a membrane anchoring sequence, a polynucleotide, a receptor ligand, and biotin.

Claim 8 (Previously Presented): The endohedral metallofullerene of claim 7, wherein j= 1 and R is an ethyl malonyl group.

Claim 9 (Previously Presented): The endohederal metallofullerene of claim 7, wherein Q is a methoxy group.

Claim 10 (Previously Presented): The endohederal metallofullerene of claim 7, wherein j=2 and R is a malonyl group.

Claim 11 (Original): The endohedral metallofullerene of claim 7, wherein k is about
7.

Claim 12 (Original): The endohedral metallofullerene of claim 7, wherein k is about
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Claim 13 (Original): The endohedral metallofullerene of claim 7, wherein k is about
16 or greater.

Claim 14 (Original): The endohedral metallofullerene of claim 7, wherein k is about
40 or greater.

Claim 15 (Original): The endohedral metallofullerene of claim 7, wherein, A and/or
X are rare earth element and/or a group IIIB element.

Claim 16 (Original): The endohedral metallofullerene of claim 7, wherein A and/or X
are chosen from among the group consisting of Scandium, Yttrium, Lanthanum, Gadolinium,
Holmium, Erbium, Thulium, and Ytterbium.

Claims 17-20 (Canceled).